Title (en)
PATH SEARCH METHOD AND PATH SEARCH DEVICE, AND MOBILE TERMINAL

Title (de)
WEGESUCHVERFAHREN UND WEGESUCHEINRICHTUNG UND MOBILES ENDGERÄT

Title (fr)
DISPOSITIF ET PROCEDE DE RECHERCHE DE VOIE ET TERMINAL MOBILE

Publication
EP 1353449 A4 20040428 (EN)

Application
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Priority
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Abstract (en)
[origin: US2003133493A1] By calculating the complex product between each of the complex conjugate pattern for the pilot patterns assigned individually to a plurality of transmitting antennas of a base station and de-spread signals (ISI, ISQ), which have been obtained from a received signal by de-spreading portion (22), a separating section (23) separates the pilot block of the de-spread signals, for each of the plurality of transmitting antennas, from the received signal. Subsequently, after a delay profile for the transmitted signal from each of the plurality of transmitting antennas is generated by using the separated signals (PLI1, PLQ1), (PLI2, PLQ2), a delay profile combining portion (27) combines into a delay-profile for multi-path selection, and multi-path selection is performed based on the delay profile for multi-path selection. Therefore, highly accurate path search is possible in a DS-CDMA system that employs a transmitter diversity scheme.

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H04B 1/707; H04B 7/06

IPC 8 full level
H04B 1/707 (2011.01); **H04B 1/7113** (2011.01); **H04B 1/7117** (2011.01); **H04B 7/06** (2006.01); **H04B 7/08** (2006.01); **H04B 7/26** (2006.01); **H04W 16/28** (2009.01); **H04W 88/02** (2009.01)

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Citation (search report)
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US 2003133493 A1 20030717; CN 1463506 A 20031224; EP 1353449 A1 20031015; EP 1353449 A4 20040428; JP 2004289191 A 20041014; JP WO2002058265 A1 20041021; KR 20030069975 A 20030827; TW 546954 B 20030811; WO 02058265 A1 20020725

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US 31133502 A 20021231; CN 02802136 A 20020117; EP 02715780 A 20020117; JP 0200280 W 20020117; JP 2001011500 A 20010119; JP 2002558634 A 20020117; KR 20037000589 A 20030114; TW 91100806 A 20020118